

**A FABULOUS OFFER (subject to withdrawal without notice).**  
**Buy an entire D4 or M5 MIXER with all preamps., input transformers and carrying case ... ready to use ... a \$703.55 value, for only \$250!**

For years, I saw audiophiles and professionals alike struggling with equipment that never really met all their requirements for features, quality, cost and compactness. My **CustoMixers**, 5 years in design, end this battle ... and without the use of troublesome transistors, feared by professional audiomen. Furthermore, you buy only those preamplifiers and input transformers you need, adding whatever you wish at any future date. To synchronize the mixer's volume indicator (conveniently in panel's center) with that of your tape recorder, public address system and/or other equipment, the **CustoMixer** offers it's own accessory plug-in oscillator; but you don't pay for one if you don't need it. Until now, no one else ever thought of incorporating changeable designation strips to show what source is connected to each volume control. All inputs use plugs; and engineers, especially, will appreciate the fact that all output center-tap, ground and line connections are independent and on separate screw terminals. All mixing is at high level for minimum crosstalk and maximum flexibility, permitting acceptance of tuners, microphones, phonos, tape and program line feeds. By use of industry-standard panel sizes, all **CustoMixers** may be readily removed from one container and placed in another facility; and they are so easy on even mylady's eyes, the carrying case included. Of course, their crowning glory are the incredible ultra-modern straight-line volume controls, never before found in equipment of this size and price ... an exclusive with the **CustoMixer** — designed with the user in mind.

**OLIVER BERLINER**

**designed and built by internationally known sound systems authority, OLIVER BERLINER, for the ultimate in operational ease and flexibility**



**Oliver Berliner**

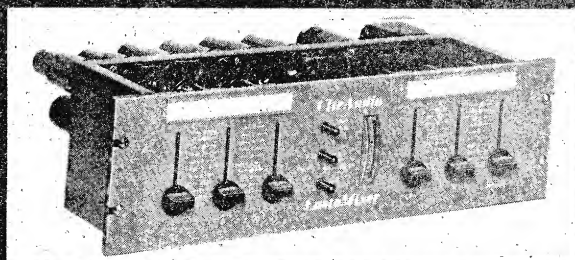
At last, professional **MONOPHONIC** and **STEREO-PHONIC** mixer — amplifiers for Motion Picture and Public Address Systems, Broadcasters and Recordists ... the **CustoMixers** incorporate features not found in any other mixers, regardless of size or cost; with quality equal or superior to anything in their price range.

The incredible **UltrAudio CustoMixers\***, customized because you select only the facilities needed to meet your personal requirements, are styled to compliment the most discriminating home or studio decor, and are perfect for portable\* or permanent installation. All **CustoMixers** incorporate the amazing professional **LINE-ATEN°** Straight-Line volume controls and Plug-In amplifiers and transformers.

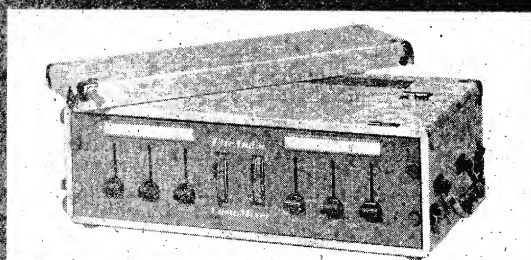
\*handsome carrying case optional at extra cost.  
 °patent no. 2972725. \*trade marks of Oberline, Inc.

**COMPARE THESE EXCLUSIVE CustoMixer FEATURES:**

- \* Every control and indicator is **Straight-Line** for easier operation of multiple mixers and easier viewing of settings and levels.
- \* All input transformers and Shock-Mounted preamplifiers plug in. Buy only those items you need. Virtually failproof ... no need to repair; just replace in seconds and you're back "on-the-air" with a spare.
- \* Plug-in accessory **TONE GENERATOR**. (Remove any preamplifier; plug in Oscillator to put sustained tone on the output line for level setting. Remove Oscillator; replug preamplifier.)
- \* Input impedances 50 to 600 ohms and hi-z; low or high level.
- \* Output impedance 50 to 600 ohms and hi-z; illuminated standard vu meter on each output line.
- \* 5¼x19 inch front control panel for standard rack, carrying case or console mounting. Fused silicon rectifier power supply.
- \* Separate output connection for stereo or monophonic headphones, monitor amplifier and public-address system feed.
- \* Extremely light weight with easy-on-the-eyes military specification rugged finish, beige with white lettering.
- \* Unique replaceable designation strips indicate use of each mix position.



**Model M-5:** Five independent mixing positions plus master gain control. Phono equalizing and cueing switches on front panel for mixers 2 & 3. A 60db pad switch enables mixer-1 to accept a high level, low impedance source. Single channel output.



**Model D-4:** A 2-channel fully stereophonic mixer (shown in optional carrying case) with two mix positions and a master gain control per channel. Special "MIX" switch permits all mix positions to feed both channels simultaneously with sub-master on each channel.

**SPECIFICATIONS** (subject to change without notice):  
 Frequency Response  $\pm 1/2$ db 50-15,000 cycles; — 2db @ 30 cps. Gain 80db (150 ohm source, 600 ohm load ... mixer furnished thusly). Signal To Noise Ratio 55db or better at rated output of 4vu. Total Harmonic Distortion less than 1/2% (200-15,000 cps.) Weight approximately 20 lb. Dimensions 19x5¼x9¼" from panel rear. Connectors are 3-pin-professional and phone jack. Low impedances are ungrounded. Stereo or monophonic headphone monitoring bridges low impedance output line(s).  
 Power Source 117 volts, 50/60 cycles.

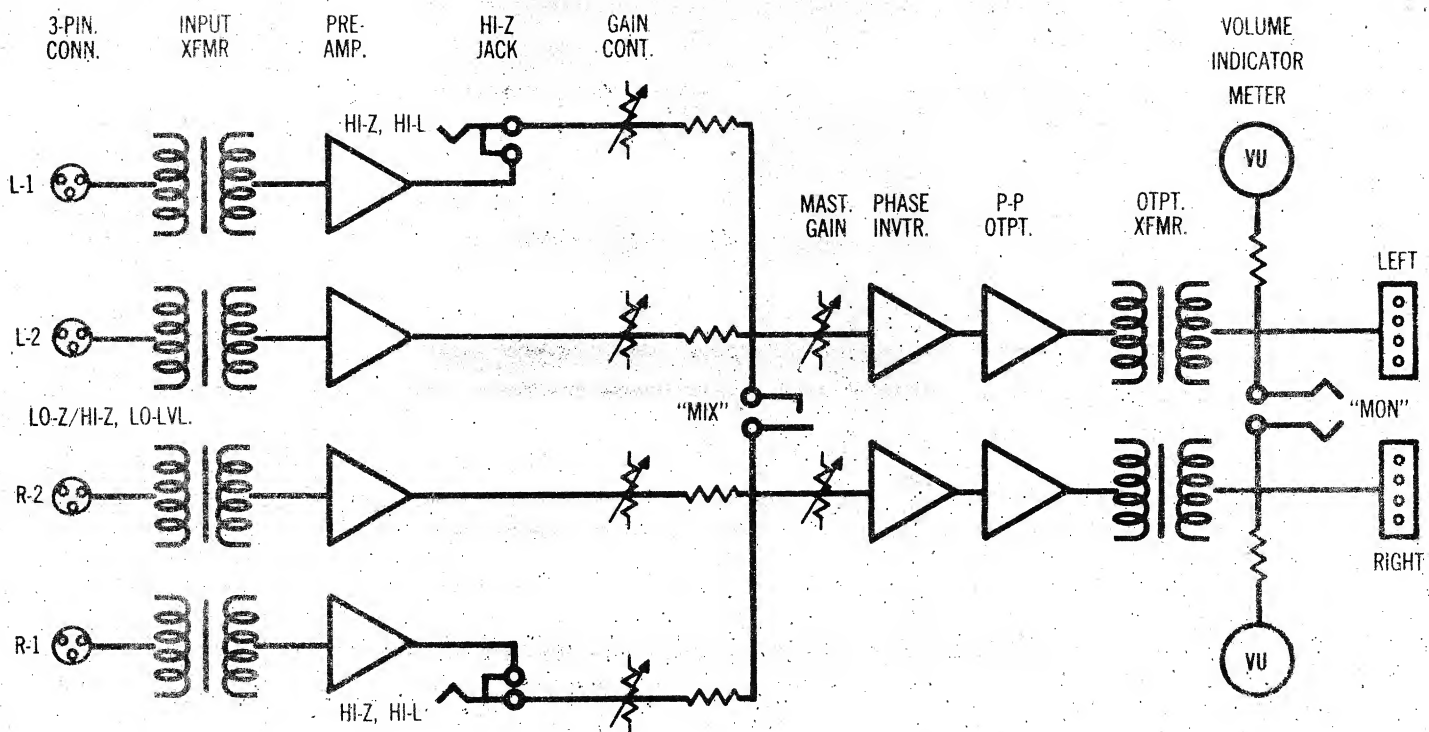
**TOTAL PRICE \$250 complete, delivered FREE in continental U.S.A. Cash with order. No C.O.D's.**



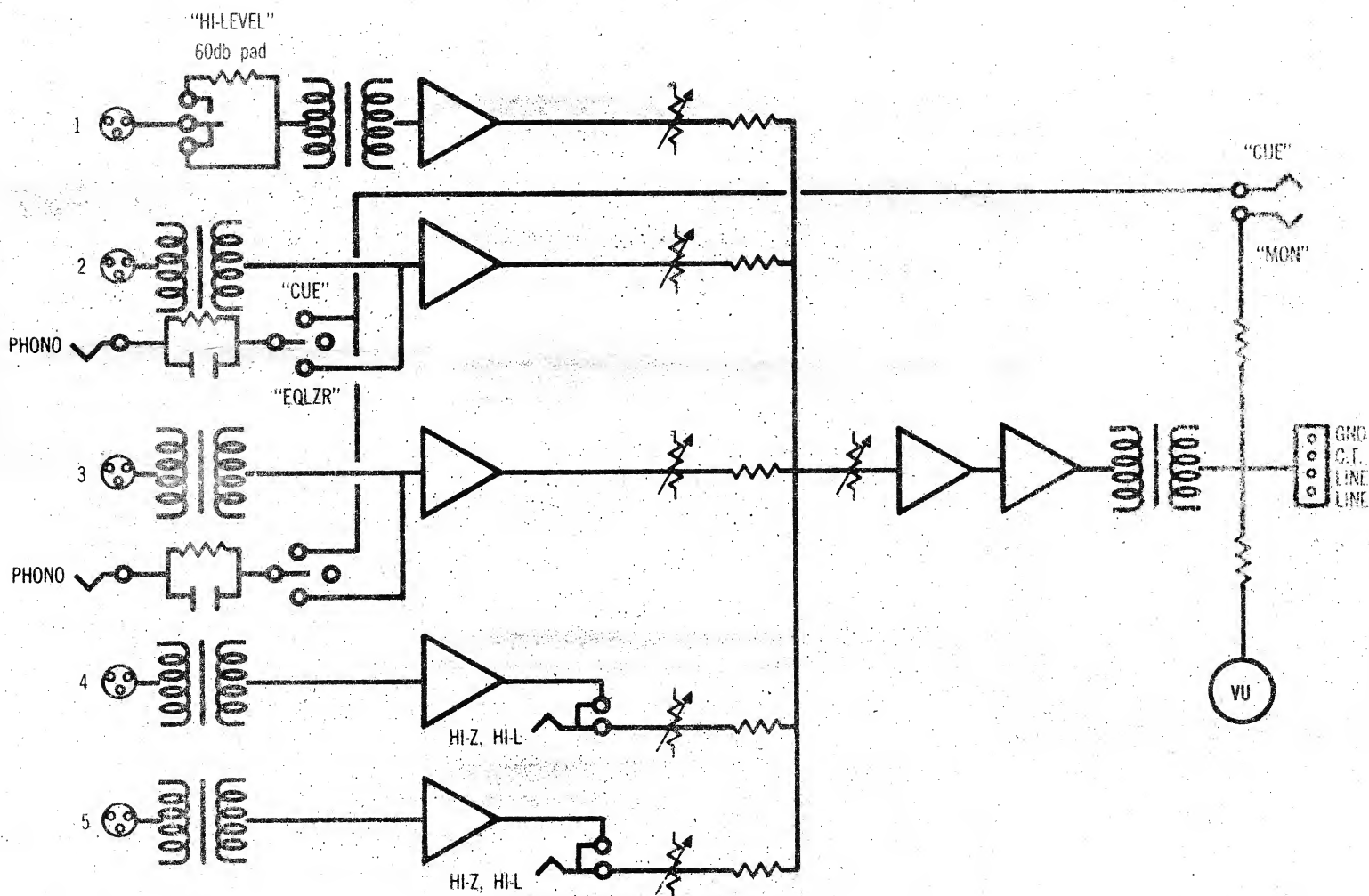
**6573 SANTA MONICA BOULEVARD  
 HOLLYWOOD 38, CALIFORNIA  
 TELEPHONES: 276-2726 — 466-7366**

cm4-463

Above LEFT: Compact plug-in 40db pre-amplifier contains shielded tube at top, all associated capacitors and resistors. Tube changeable without removing amplifier from shock-mounting socket. RIGHT: Plug-in input transformer incorporates 2 heavy gauge hypermalloy shields for minimum hum. Change impedance easily on socket.



MODEL D-4 2-CHANNEL CUSTOMIXER



MODEL M-5 1-CHANNEL CUSTOMIXER



# THE MISSING LINK IN 2-CHANNEL STEREO SOUND SYSTEMS IS HERE!



*the Hollywood*  
**PHANTOM POSITIONER**

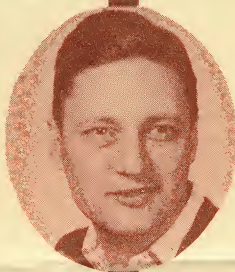
Now... the tricks of the major recording and movie studios are at your fingertips... available to sound systems users and suppliers, filmmakers, broadcasters, recordists, everyone interested in STEREO. The H-122, created by internationally known sound systems authority, Oliver Berliner, permits you to electronically move the signal coming from any sound source (microphone, sound effect, tuner, mixing console, disc record, tape recorder output, etc.) from the left stereo channel to the right and back again, and leave it anywhere, at any time, letting you obtain the most marvelous truly stereophonic effects of MOTION... yet, the source does not physically move at all! This is exactly how it is done by the major studios. The H-122 with its transistorized and printed circuitry is light enough to be held continuously in one hand, even while in use (and may be operated at considerable distance from associated equipment); its inexpensive self-contained long-life battery can be replaced at a host of different stores virtually any hour of the day or night, thus—no replacement emergencies. Though impossible before, now you can electronically put your featured vocalist, for example, on both of your stereo channels to make him appear to be in the middle; then you can make him “walk” to the left or right, or slightly off-center... any place you want! Never again will you be limited to connecting things to either the left or the right stereo channel or only equally to both; now your stereo setups and effects are limitless.

## Hollywood PHANTOM POSITIONER

## SPECIFICATIONS

The *Hollywood* PHANTOM POSITIONER provides sufficient gain to bring a low-level microphone up to standard 1-volt output level. One Gain and one Panning knob are the only controls. Connections for the single input, and outputs to your 2-channel system are at the rear. Used with the UltraAudio Customixer or any stereo mixer amplifier, the PHANTOM POSITIONER provides the missing link that permits you to connect certain sources to the Left, others to the Right channel, plus the all-important ability to put the featured source in the Center (or slightly off-center, as many experts do...), never before possible in compact, inexpensive equipment. Without a companion mixer-amplifier, the PHANTOM POSITIONER may be directly connected to any high-impedance, high-level 2-channel audio input(s), even those not equipped with their own volume controls. You can't afford to be without the H-122 another day. Order now.

Price, styling and specifications subject to change without notice. Suggested user net in continental USA .....\$59.95



Oliver Berliner

**INPUT IMPEDANCE:** Low level 50 - 600 ohms unbalanced; High level 5,000 - 15,000 ohms unbalanced.

**OUTPUT IMPEDANCE:** approximately 15,000 ohms each channel, unbalanced (feeds any load up to 1/2-megohm).

**OUTPUT LEVEL:** maximum 1 volt, (panning control full LEFT or RIGHT).

**GAIN** (low level input): 60 db.

**DISTORTION:** less than 1% total harmonic.

**SIGNAL TO NOISE RATIO:** better than 60 db.

**SIZE:** 4 x 6 x 2-inches (cabinet)

**POWER SUPPLY:** Self-contained 9-volt battery.

**WEIGHT:** approximately 1 1/2-lb.

**CONTROLS:** 1 Panning, 1 Gain (with power on/off switch).

**CABINET COLOR:** beige.

**CONNECTORS:** Input — professional 3-pin & phone jack; Output — standard “hi-fi” pin jack-pair.

*always the Unique, the Unusual from*

available at your dealer or from master distributor

**UltraAudio** division of OBERLINE, INC.

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